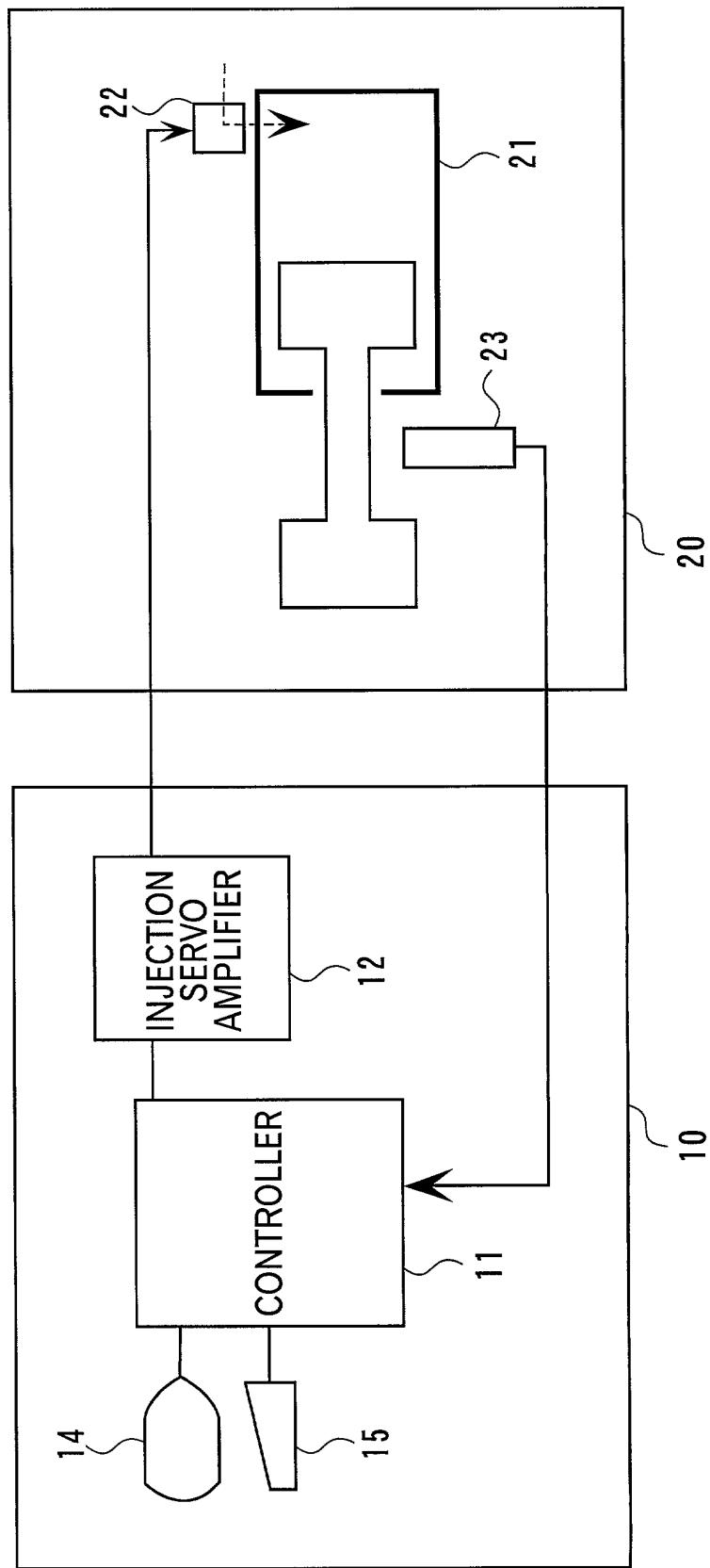


FIG. 1



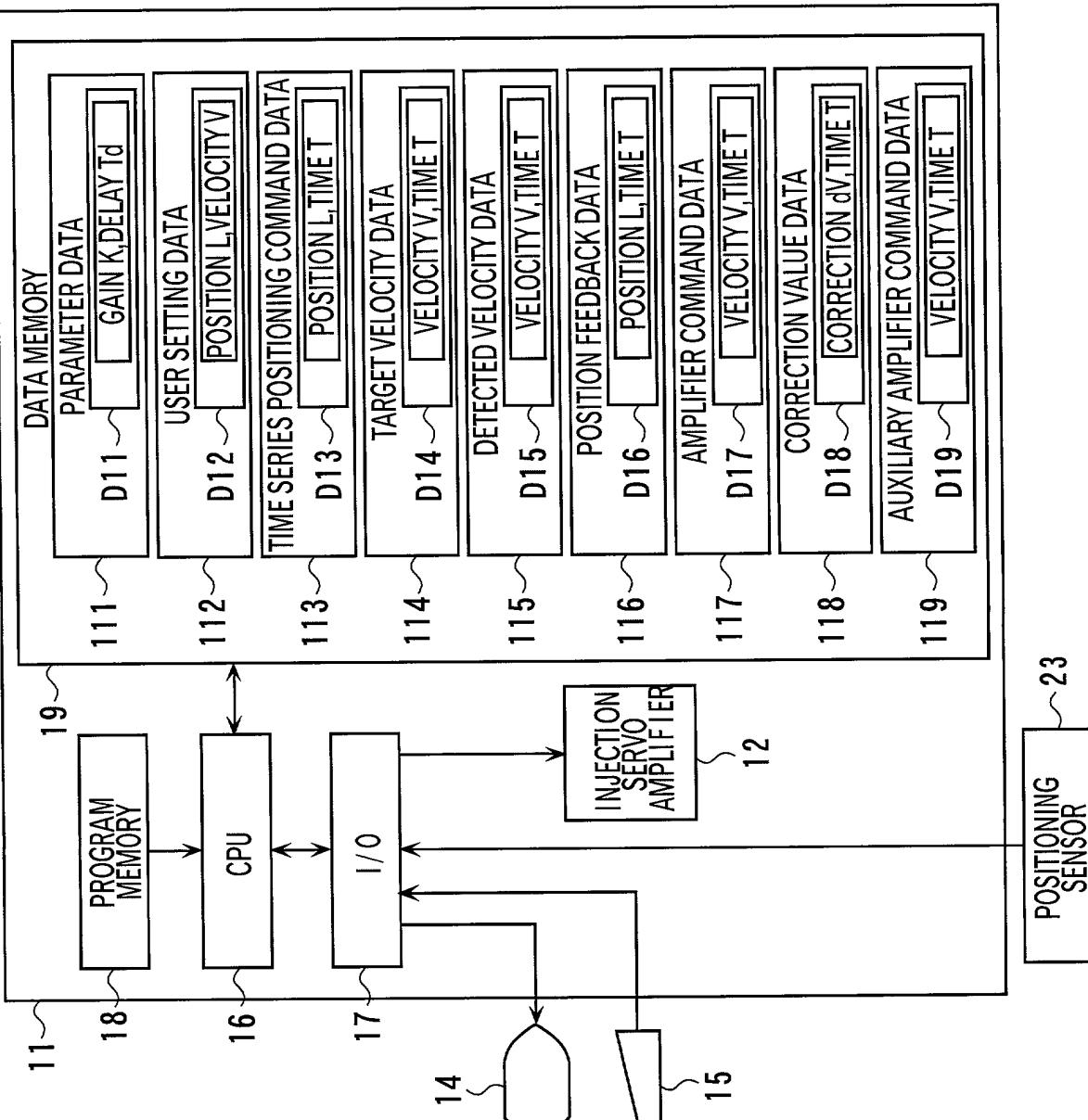


FIG. 2

FIG. 3

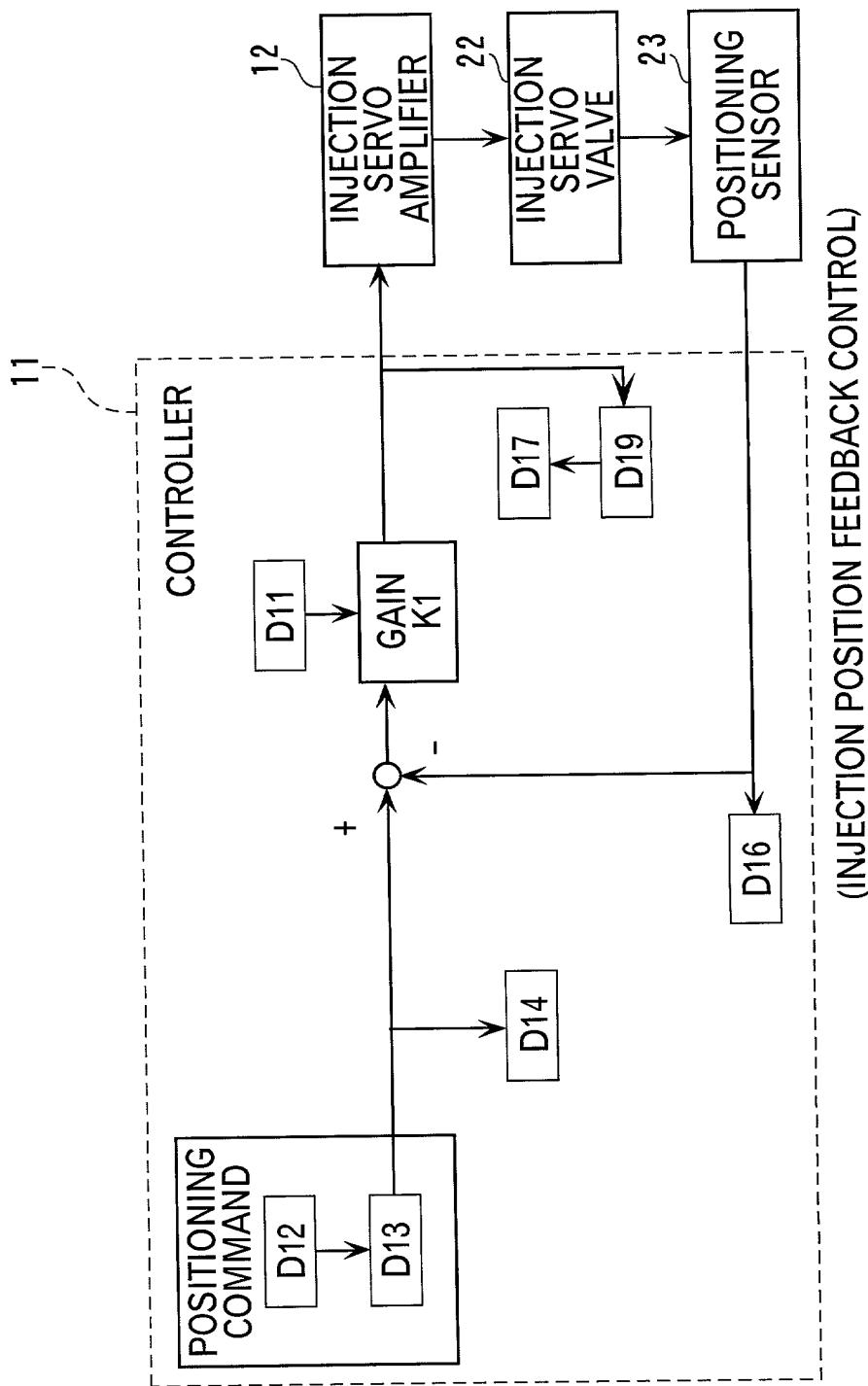


FIG. 4

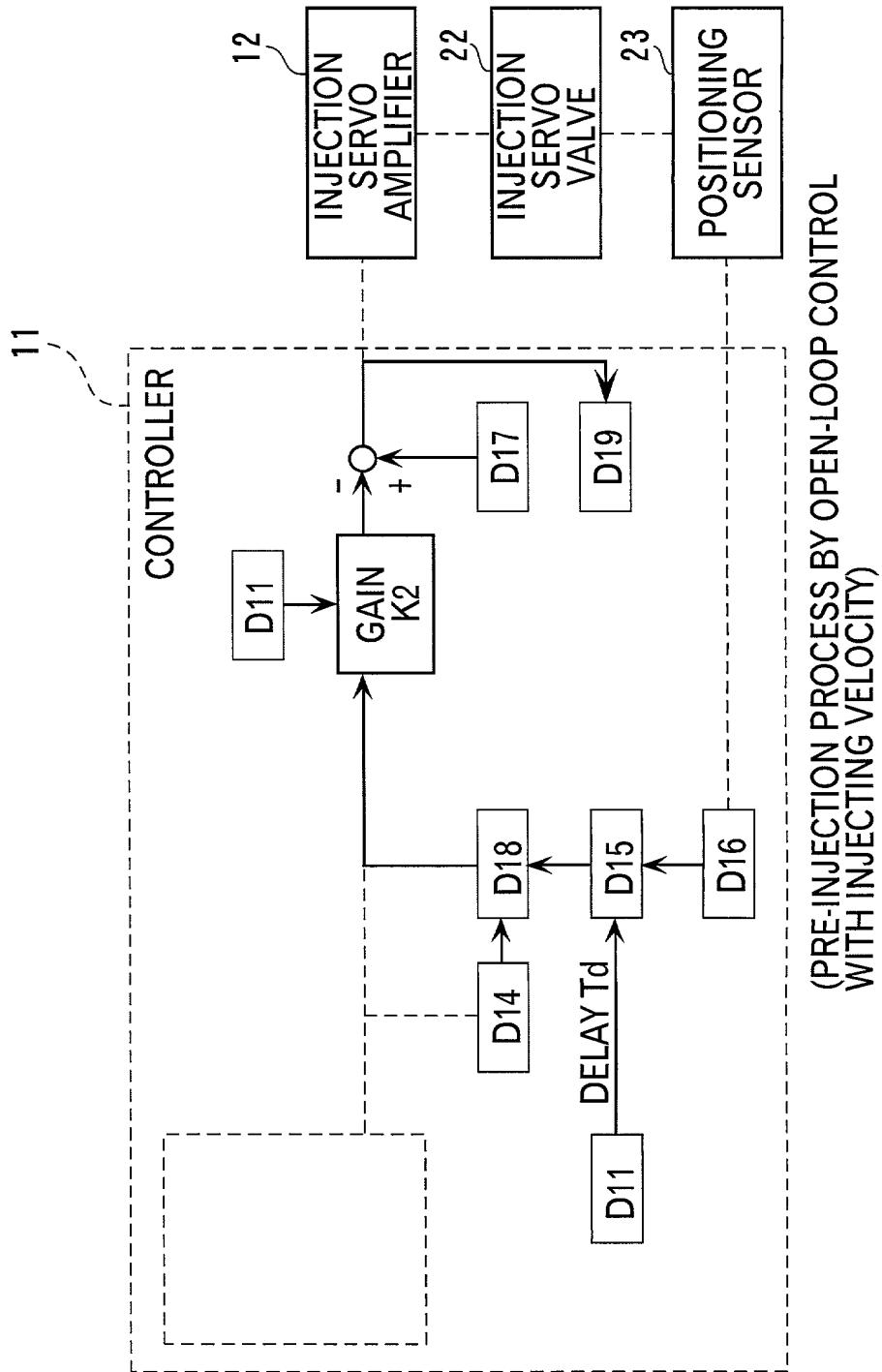
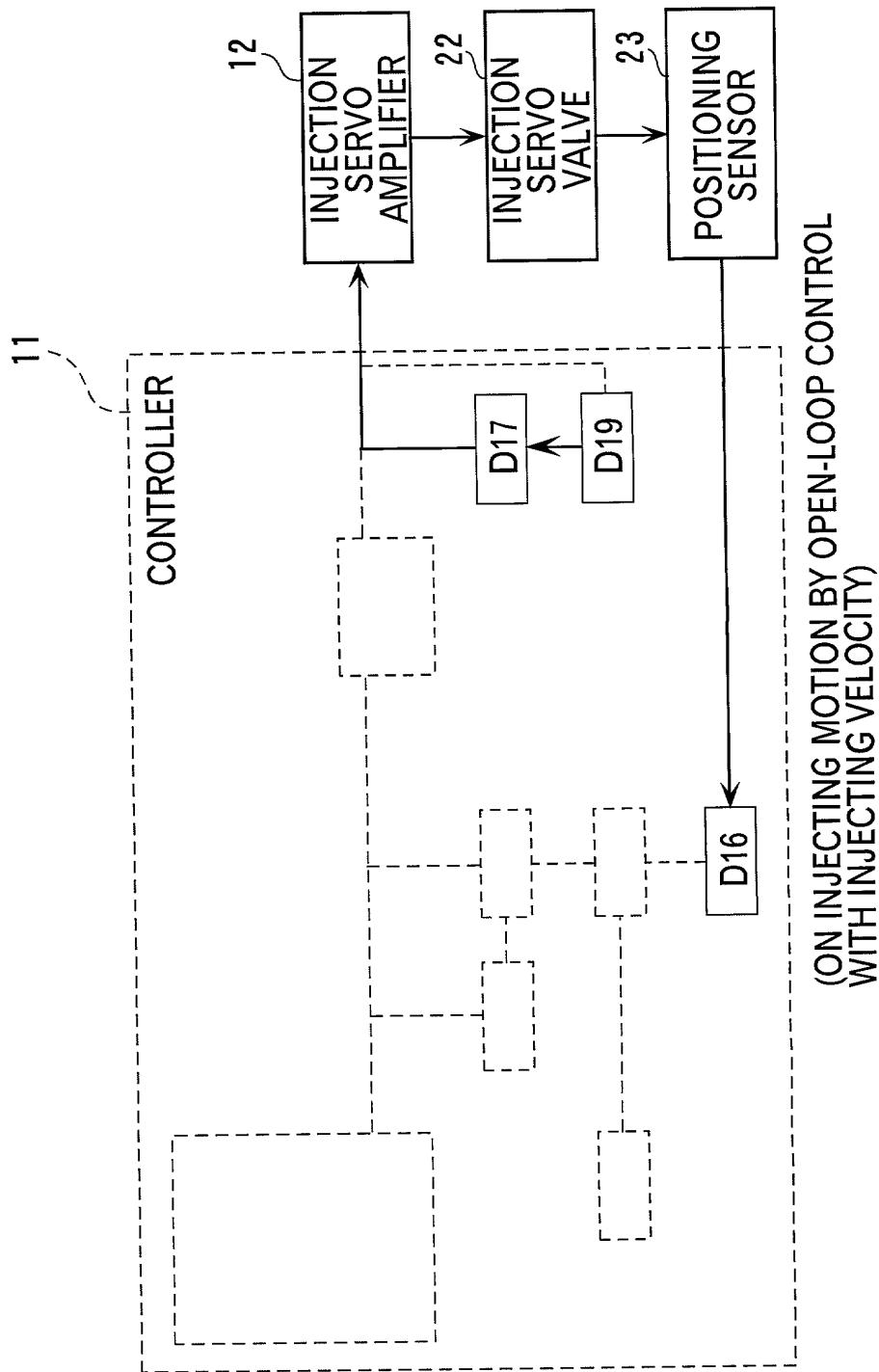
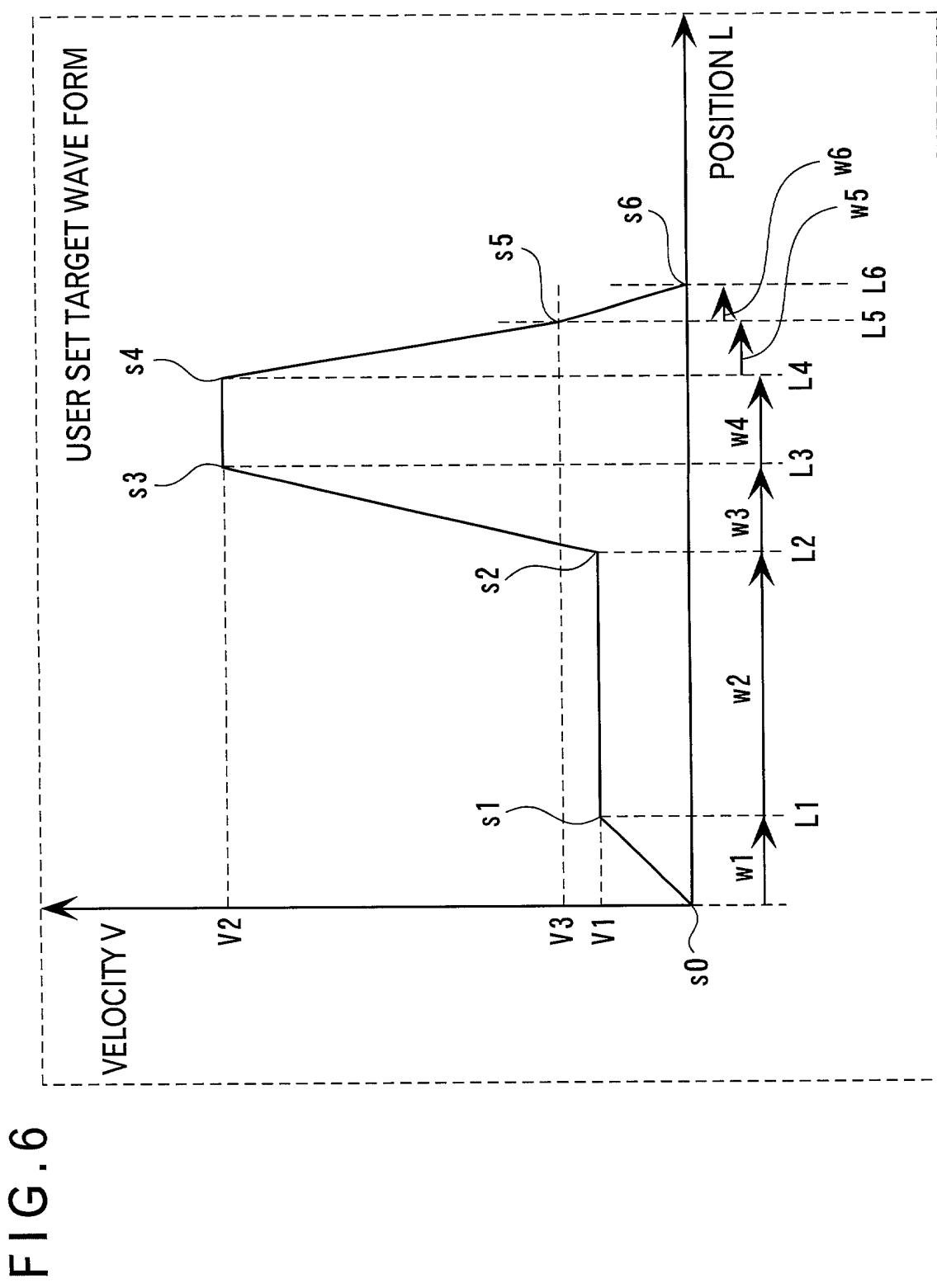


FIG. 5





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## FIG. 7

TARGET WAVE FORM DATA SETTING TABLE

POINT	s0	s1	s2	s3	s4	s5	s6
POSITION	0	$L1 = \frac{w1}{w1 + w2}$	$L2 = \frac{w1 + w2}{w1 + w2 + w3}$	$L3 = \frac{w1 + \dots}{w1 + \dots + w3}$	$L4 = \frac{w1 + \dots}{w1 + \dots + w4}$	$L5 = \frac{w1 + \dots}{w1 + \dots + w5}$	$L6 = \frac{w1 + \dots}{w1 + \dots + w6}$
VELOCITY	0	v1	v1	v2	v2	v3	0

D12

FIG. 8

TIME SERIES DATA TABLE OF TARGET WAVE FORM

TIME(sec)	POINT	POSITION	DISTANCE	VELOCITY
0.000	s0	0	0	0
0.001				
:				
1.000	s1	L1	$w_1 = L_1 - 0$	$v_01 = w_1/dT$
:				

D14

D13

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FIG. 9

— D13

TIME SERIES POSITION COMMAND DATA

POSITION L

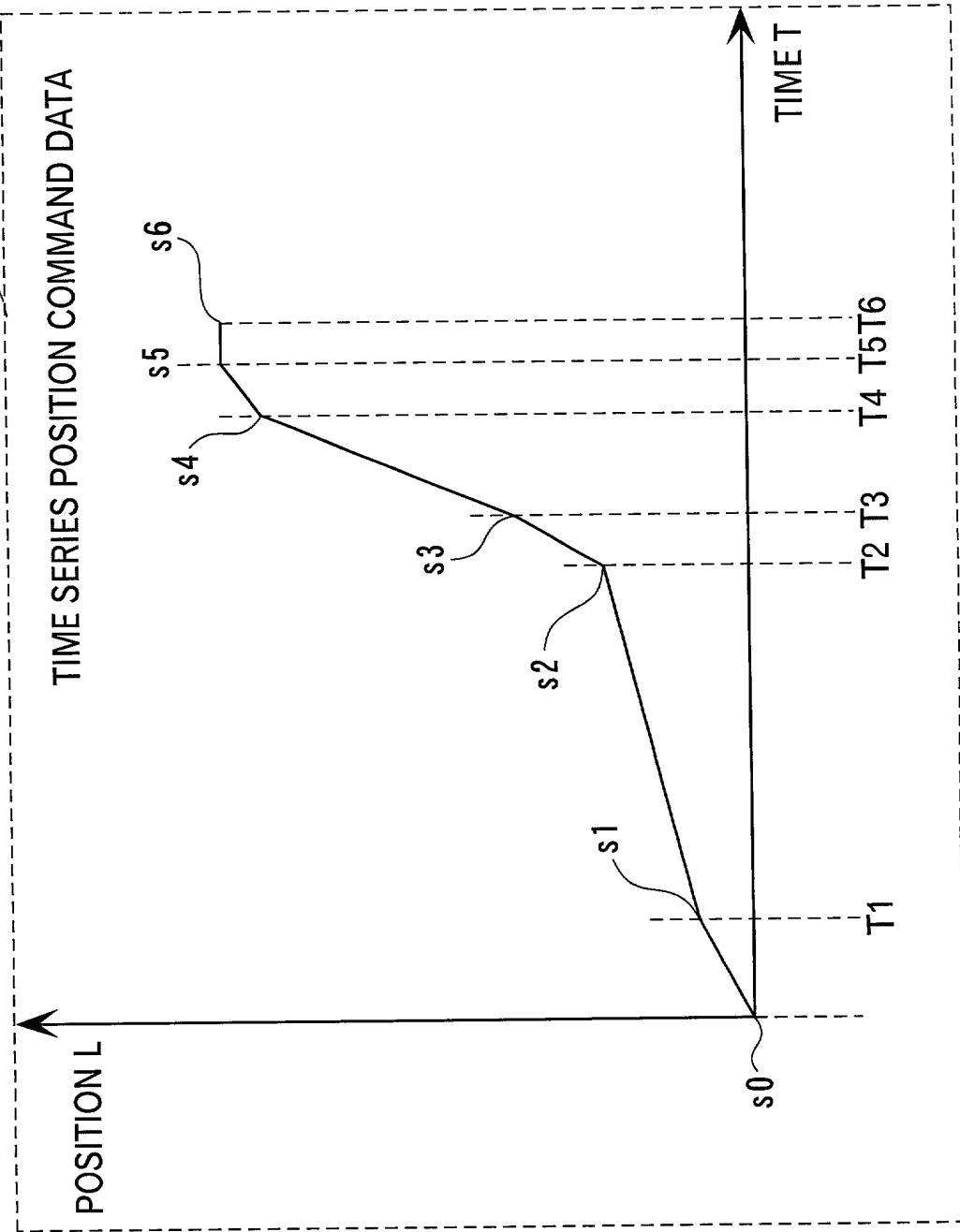


FIG. 10

D14

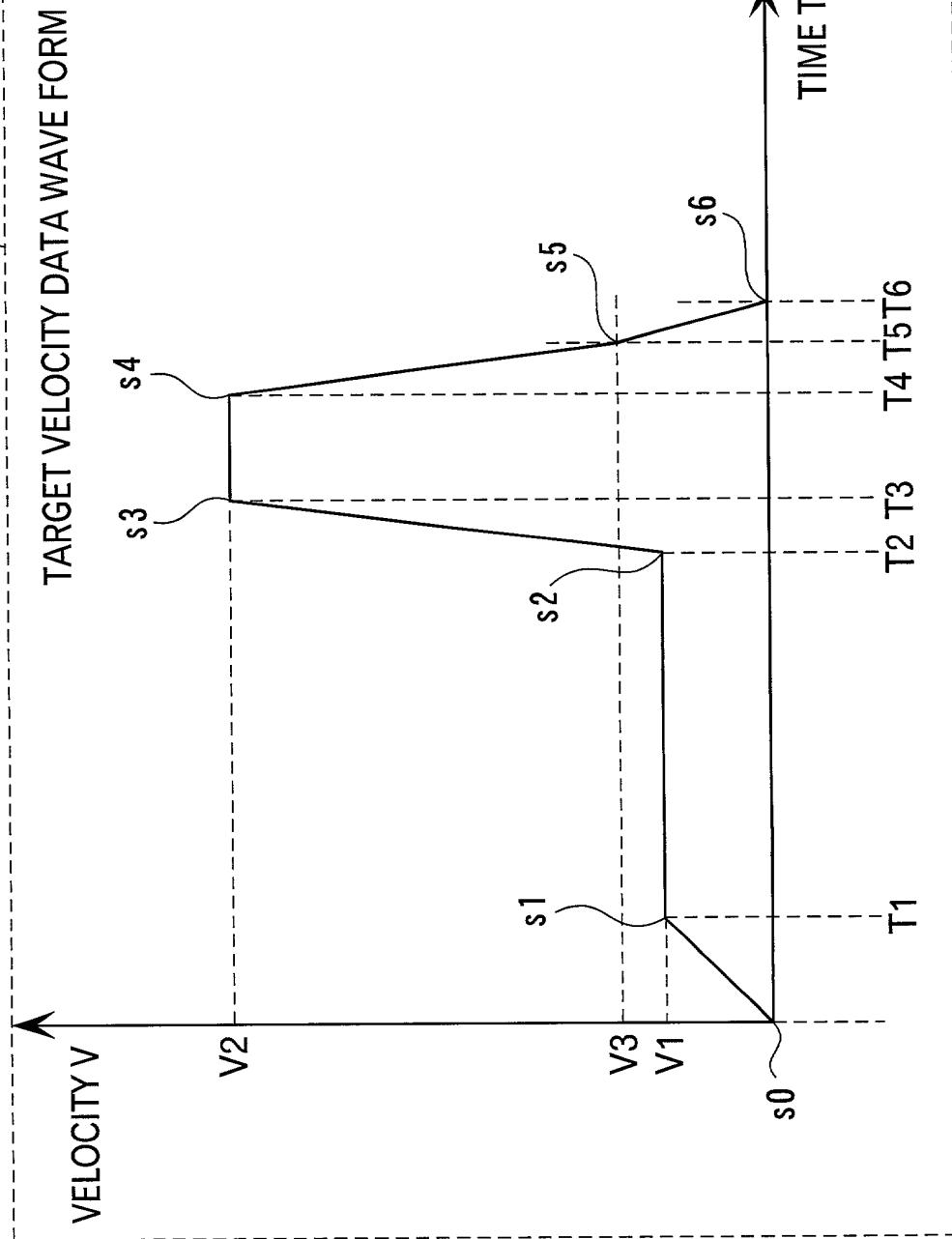


FIG. 11

D14

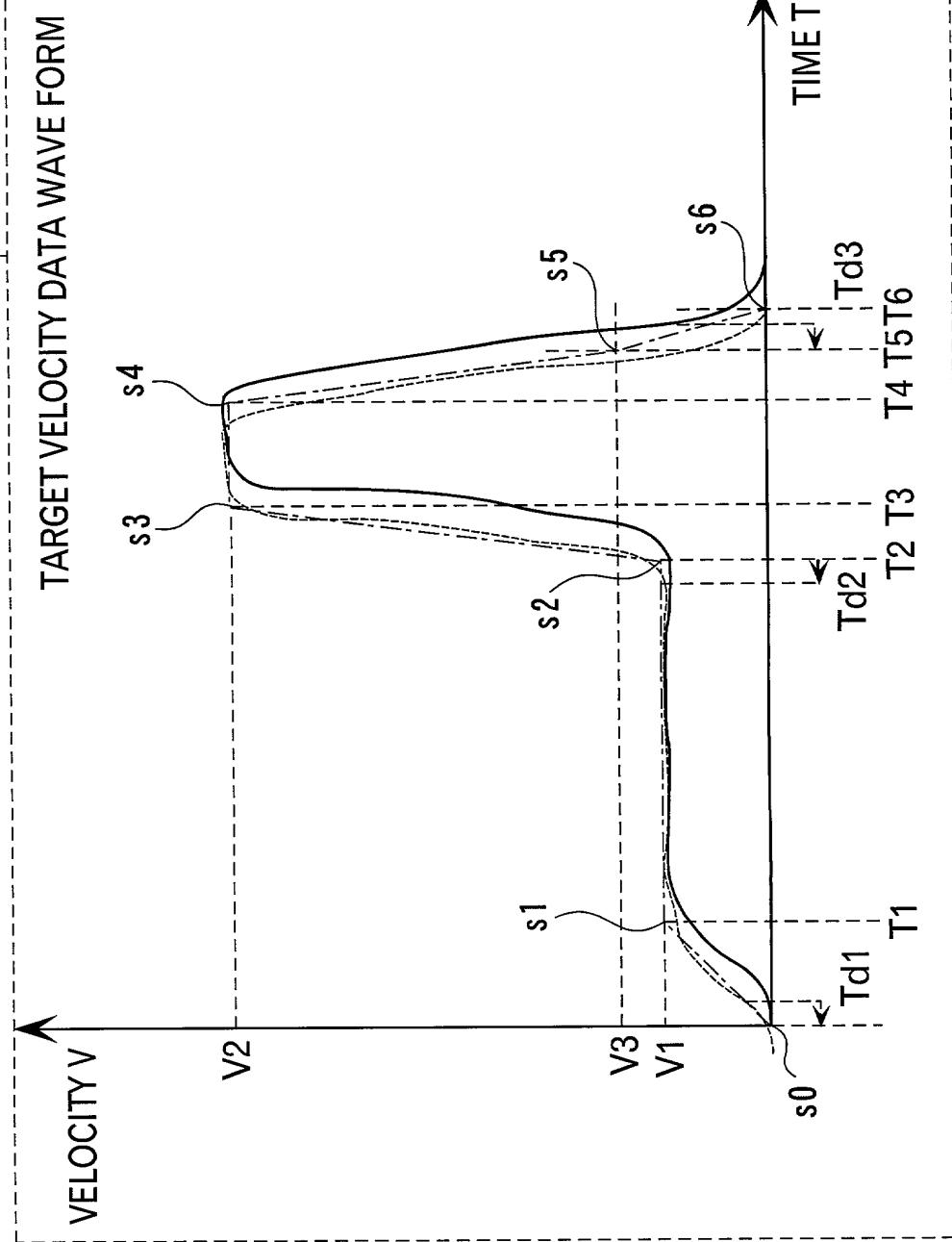


FIG. 12

